

ABSTRACT

A system and method for discovering a routing topology within a domain of interest are disclosed. In accordance with certain embodiments, a Border Gateway Protocol ("BGP") discovery engine is provided that enables auto-discovery of BGP routers in a specified domain of interest. For instance, such a BGP discovery engine may receive, as input, an identification of a domain of interest and a "seed" BGP router within such domain of interest, and may recursively query the BGP routers identified within the domain of interest for information to compile the topology of such BGP routers in such domain of interest.